

SCORING SHEET FOR THE ASSESSMENT OF THE VULNERABILITY OF THE *C.TULIPA* TO CLIMATE CHANGE

Instructions

Scoring Guideline: The Scoring guideline is attached for your reference

Scoring Process: You have a total of 5 scores for allocated each attribute. The score can be spread in the individual bins based on your level of confidence. For example, if you are 95+ percent confident that the oysters are prey specific, you can put all your 5 points in the very high bin. If you are not 95+ percent confident, you can spread the scores across the bins based on your level of confidence.

Scoring Climatic Factors. Scoring should be based on regional models of climate data considering Observed and Predicted data provided.

Scoring Biological Attributes: Please use your expert knowledge on the West African Mangrove Oyster in addition to the species profile developed during our workshop.

Table S2: Scoring Sheet for Assessing of the Vulnerability of the *C.tulipa* to Climate Change [From 45]

Attribute	EXPERT SCORE				Data Quality Score (3,2,1,0)
	Low	Moderate	High	Very High	
CLIMATIC FACTORS					
Mean Air Temperature					
Mean Precipitation					
Mean Estuarine Temperature					
Mean Estuarine pH					
Mean Estuarine Salinity					
Mean Surface Runoff					
Mean River Flow					

Variability in Air Temperature					
Variability in Estuarine Temperature					
Variability in Precipitation					
Variability in Estuarine Salinity					
Variability in Estuarine pH					
Variability in Surface Run-off					
Variability in River Flow					
Sea Level Rise					
Estuarine Currents					
Ocean Acidification					
Ocean Acidification					
Ocean Acidification					
BIOLOGICAL ATTRIBUTES					
Prey Specificity					
Habitat specificity					
Sensitivity to Ocean Acidification					
Complexity in Reproduction strategy					
Sensitivity to Temperature					
Early Life History Survival and Settlement Requirement					

Stock Size Status					
Other Stressors- pollution					
Population Growth Rate					
Dispersal of Early Life Stages					
Adult Mobility					
Spawning					